PUDUCHERRY SMART CITY DEVELOPMENT LIMITED



EXPRESSION OF INTEREST

CONSTRUCTION AND DEVELOPMENT WORK FOR MULTI LEVEL CAR PARKING AT (a) OLD JAIL COMPLEX IN JN STREET AND (b) OPPOSITE TO MANI ELECTRONICS IN MARAIMALAI ADIGAL SALAI PUDUCHERRY CITY ON DESIGN, BUILD, OPERATE AND TRANSFER (DBOT) BASIS UNDER ENGINEERING PROCUREMENT AND CONSTRUCTION (EPC)

Tender ID: 24/PSCDL/2020

CHIEF EXECUTIVE OFFICER

PUDUCHERRY SMART CITY DEVELOPMENT LIMITED No.2. Bussy street, Old court building, Puducherry- 605 001 Phone: 0413-2224433, 2224434 E-Mail: pondysmartcity@gmail.com



No.1040/PSCDL/MLCP/2020/

dt.14.09.2020

EXPRESSION OF INTEREST

Puducherry Smart City Development Limited (PSCDL) invites proposal / bid from reputed firms / contractors / Agencies for EOI for "Construction and Development Work for MULTI LEVEL CAR PARKING at (a) Old Jail Complex in JN Street and (b) Opposite To Mani Electronics in Maraimalai Adigal Salai, Puducherry City on Design, Build, Operate and Transfer (DBOT) Basis under Engineering Procurement and Construction (EPC)" (Tender No.24/PSCDL/2020). The EOI documents can be viewed / downloaded from https://smartnet.niua.org/tenders, https://pondicherrysmartcity.in and e-procurement portal of Govt. of Puducherry https://pudutenders.gov.in/ from 16.09.2020. But, proposal can be submitted only online through https://pudutenders.gov.in/ on or before 30.09.2020 at 17.30hrs. For any queries / clarifications, please contact General Manager (Planning & Procurement) - Phone no. 0413-2224434, email id:pondysmartcity@gmail.com

-Sd/-CHIEF EXECUTIVE OFFICER PSCDL

Disclaimer

The information contained in this Expression of Interest (EOI) or subsequently provided to Applicants, whether verbally or in documentary or any other form by or on behalf of the Puducherry Smart City Development Limited (PSCDL) (henceforth referred to as PSCDL in this document / "the Authority") or any of its employees or advisers, shall be considered confidential and not to be reproduced / transmitted / adopted / displayed for any purpose whatsoever.

This EOI is one of the steps in the process of selection of an entity for the project of "Construction and Development work for Multi Level Car Parking at (a) Old Jail Complex in JN street and (b) opposite to Mani Electronics in Maraimalai Adigal Salai Puducherry city on Design, Build, Operate and Transfer (DBOT) basis under Engineering Procurement and Construction (EPC)".

This EOI is not an agreement or an offer by the Authority to the Applicants or any other person. The purpose of this EOI is to provide interested parties with information that may be useful to them in the formulation of their Proposals pursuant to a specific Request for Proposal (RFP).

This EOI includes statements, which reflect various assumptions and assessments arrived at by the Authority / Employer in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each bidder may require. This EOI may not be appropriate for all persons, and It is not possible for the Authority/ Employer, its employees or advisers to consider the objectives, technical expertise and particular needs of each Applicant who reads or uses this EOI. The assumptions, assessments, statements and information contained in this EOI, may not be complete, accurate, adequate or correct. Each Applicant should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this EOI and obtain independent advice from appropriate sources.

The information provided in this EOI is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority / Employer accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.

The Authority and its employees and advisers make no representation or warranty and shall have no liability to any person including any Applicant under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this EOI or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the EOI and any assessment, assumption, statement or information contained therein or deemed to form part of this EOI or arising in anyway in this subject.

The Authority may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement any information, objective, assessment or assumption contained in this EOI.

The issue of this EOI does not imply that the Authority is bound to select an Applicant for the project and the Authority reserves the right to reject all or any of the proposals / terminate the process at any time without assigning any reasons whatsoever.

M/s. Puducherry Smart City Development Limited (PSCDL) reserves the right to cancel any tender process at any stage without assigning any reason.

The Applicant shall bear all its costs associated with or relating to the participation in this process regardless of the conduct or outcome of the process.

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Invitation for Expression of Interest for Construction and Development work for Multi Level Car Parking at (a) Old Jail Complex in JN street and (b) opposite to Mani Electronics in Maraimalai Adigal Salai Puducherry city on Design, Build, Operate and Transfer (DBOT) basis under Engineering Procurement and Construction (EPC).

Introduction:

- 1. Puducherry Smart City Development Limited (PSCDL), is a Special Purpose Vehicle (SPV) set up to implement smart city projects under Smart City Mission (SCM). PSCDL proposes development of physical infrastructure for sectors such as education, health, and commercial, ICT etc., in the Area Based Development (ABD) area and across pan-city providing various smart features / infrastructure in line with the SCM guidelines. Development of Multi Level Car Parking at old Jail complex in JN Street, Puducherry is part of the Smart City Project.
- 2 The SCP also identifies opportunity in Puducherry city in organizing the parking pattern to free up road space and earn revenue for Puducherry Municipality. From various traffic and transportation studies conducted, we find our city lacks in providing appropriate parking facilities. Disorganized on-street parking, which is rampantly observed reducing the effective carriageway widths and thereby increasing traffic congestion in the core city.
- 3 PSCDL proposes to identify a firm for development of multi-level car parking facility at the sites identified by PSCDL, the details of which are attached. PSCDL invites Expressions of Interest ("EOI") from interested firms for the purpose of Construction and Development work for Multi Level Car Parking at (a) Old Jail Complex in JN street and (b) opposite to Mani Electronics in Maraimalai Adigal Salai Puducherry city on Design, Build, Operate and Transfer (DBOT) basis under Engineering Procurement and Construction (EPC).
- 4. The project will be developed and established under pre-specified performance standards.
- 5. Interested applicants are requested to submit their responses in the formats under 'Forms'.

 They may also provide documents in support of their approach, achievements / claims and compliance to eligibility criteria.

Key Events and Tentative Dates:

SI. No.	Stage	Date / Time
1.	EOI Publication Date	16.09.2020
2.	Last date for sending pre-bid queries	23.09.2020 till 17:00 hrs.
3.	Date & Venue of pre-bid meeting	25.09.2020 at 15.00 hrs. PUDUCHERRY SMART CITY DEVELOPMENT LIMITED No.2. Bussy street, Old court building, Puducherry- 605 001
4.	EOI Submission (online) Date	30.09.2020 till 17:30 hrs.
5.	EOI proposal opening date	01.10.2020 till 11:00 hrs.
6.	Date(s) for Presentation of design, implementation, operation, maintenance and business model	will be notified
7.	Date(s) for Technical Discussions / Clarifications leading to Formulation of RFP	will be notified
8.	RFP Publication Date- Only the qualified EOI respondents will be eligible to participate in this RFP	will be notified

The Objective:

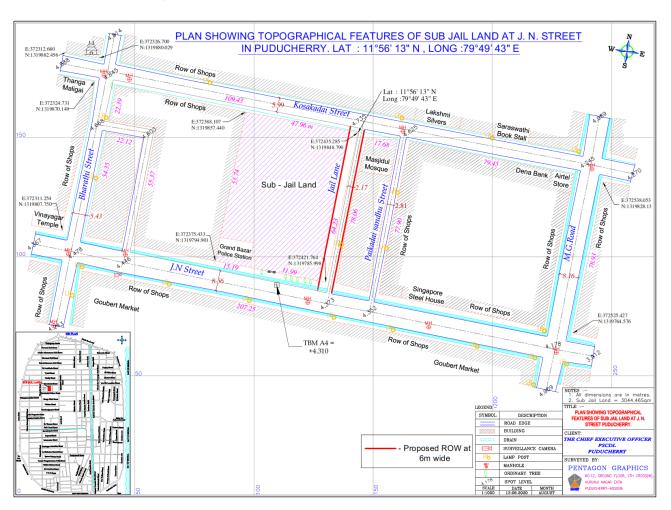
1. The objectives of the project is:

To reduce the impact of the car on the townscape by restricting on- street parking to encourage pedestrian friendly roads by provision of dedicated multi-level car parking facility which cater to parking demand in the vicinity.

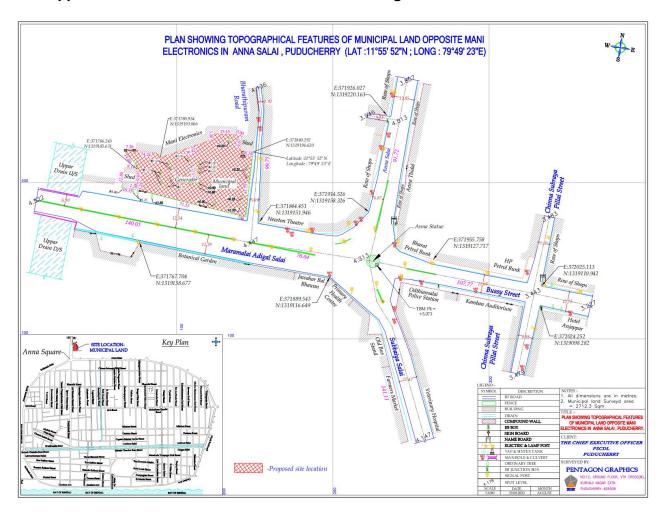
Project Information:

- 1. The spatial distribution of commercial land clearly indicates the concentration of this activity in the centre of the city and also at nodal points of transportation network. The share of commercial land in the city has shown a sudden jump during the last few years due to conversion of other uses to special shopping complexes, shopping malls and tourist attraction.
- 2 PSCDL identified sites for multi-level car parking. The suggestions are made to cater to the expected parking demand on the mentioned locations (*Annexure I*).

Site I – Old Sub Jail campus at Nehru Street



Site II - Opposite to M/s.Mani Electronic in Maraimalai Adigal Salai



- 3 Geotechnical investigation reports of the mentioned sites are as per annexure-II.
- 4. There is a potential scope for demand for parking within the said location, since the locations exists in major commercial / tourist areas and all the major transportation nodes are in a walkable distance.
- 5. All this functionalities / project site location / nearby land uses creates a significant commercial potential for its operator. Thus, this project can result in a "win-win" situation for the citizens, government and businesses.
- 6 The successful applicant shall be solely and exclusively responsible to design, Engineer, Construct, Operate, Maintain & Transfer the proposed project on a DBOT model and to provide the services which would be defined in the RFP.

- The maintenance period will be of 2 years after the construction and commission of the project.
- No CHINA make / product will be allowed in this project.
- 9. The successful applicant shall have right to use the specified area (which will be specified in the RFP document) in Puducherry Municipal (PM) area to create infrastructure such as multilevel car parking on non-discriminatory basis.
- 10. Land free of encumbrance shall be provided to the Developer for developing the Project components.
- 11. The Developer can form a Consortium. The Consortium may consist of multiple members (not more than 3 parties) with one lead member and other Consortium members. The developer need to provide the details of firm wise activities that will be performed by the Consortium.

The Process:

- 1. For evolving the best techno-economically and financially feasible solution allowing commercially viable parking facility, it is essential to identify all project components, their operational requirements as well as capabilities, functionalities, various aspects, and formulating the minimum essential requirements, PSCDL has planned to invite an open and interactive participation of all solution providers.
- 2 It is envisaged that consortium of businesses in construction, design consultancy, building technology, mechanized parking, operation & maintenance service providers and others will emerge to meet the long-term objectives of this project.
- 3 The developer / bidder need to give a detailed technical presentation to PSCDL covering the following
 - (a) Details on technical and commercial components envisaged in the project,
 - I. Details of Project type to be taken up in the site.
 - II. Conceptual Plan
 - III. Proposed Activity Mix
 - IV. The estimated project cost (Broad Costs)
 - V. The proposed revenue generation strategy for the project.

- (b) Details of parking facility and management of parking, both for commercial complex demand and city demand
- (c) Indicative approach along with project timelines with construction, commissioning and operation phases that may be adopted
- (d) Suggest with proper justification, the various revenue modes which can be part of the EOI
- 4. PSCDL will receive EOIs from full solution providers ("applicant") who will participate in technical discussions with PSCDL, demonstrate their building concepts / parking operations / capabilities / functionalities / features through detailed presentations. This presentation should provide a representative conceptual layout plans, 3D views, and proposed project (commercial) components, integrate various features and especially a dedicated mechanized parking component, aspects / functionalities / applications of the project as per the objective(s) set above.
- 5. Based on the learnings from Presentations; Project components and final specifications will be drawn up for implementation.
- The applicants shall also provide their inputs for identification and quantification of revenue streams, making their own assessments of revenue potential. Details, as necessary, may be shared with PSCDL for suitable incorporation in the RFP document.
- 7. Only lead applicants of the EOI will be invited to submit their technical and financial proposals in response to the RFP document, in the method to be described in the RFP document. After technical and financial evaluations, in the method to be described in the RFP document, PSCDL will identify the Most Preferred developer/bidder for implementation of the project.
- 8 During the presentation as per 'Key Events and Tentative Dates, each applicant shall discuss their recommendation of solution(s) for Smart City – Puducherry and exhibit their technical approach, methodology and work plan for the construction of:
 - i. Mechanized 'Smart' multi-level car park (MLCP)
 - ii. Payment methodology
 - iii. Smart Applications for operation of MLCP
- 9. All the information provided by the applicants, like the names of the clients, contract values or any exclusive information etc. will be treated as confidential information.

Design Parameters:

1. Indicative project components envisaged for this project is multi-level car parking facility.

2 Multi-Level car parking (MLCP) facility

- a. The MLCP shall be dedicated and separate structure for catering to the demand of city parking demand from nearby roads.
- b. The scope of developing MLCP pertains to Supply, Installation, Erection, Testing and Commissioning of fully mechanized 'Smart' Multi-Level Car parking (MCLP) at old Jail complex in JN Street, Puducherry and Operation and Maintenance for the entire project duration. This is also to be provided with necessary civil foundation and standby power back up and Operation and Maintenance of MLCP confirming to ISI & BIS standard. The technology shall be as per specification described in the RFP document which is the minimum tender condition.
- c. The bidder shall design the fully automatic MLCP with technology and structures to accommodate maximum 50 car spaces (50 ECS) with suitable steel structure frame work, confirming to IS specification which can take the load of 2000 kg. Capacity each car complete with PLC and electrical installation etc. as per standard specification and procedures. The system shall be designed to accommodate SEDAN / SUV type cars of size 5000 mm length and height 2000 mm / 1550 mm height, with average retrieval / parking time not more than 180 seconds. The height of structure should be minimum 10.00 m & maximum 12.00 m confirming to Puducherry Planning Authority byelaws.
- d. This EOI includes site development on the following aspect
 - i. compound wall,

Details of compound wall

1. Old Jail site

North side = 25.00 mts. East side = 65.00 mts. South side = 10.00 mts.

2. Mani Electronic site

East & West Side = 25.00 mts. North & South Side = 25.00 mts.

- ii. Drive ways.
- iii. Sufficient illumination with solar energy.

Development of site should be with optimum planning considering future utility of the site.

e. The detailed design and drawing of the MLCP has to be submitted along with the EOI and same should be got proof checked by a Govt. based Engineering Institute after the successful selection of the Bid.

3. Fully Automatic Car Parking and Retrieving system

- a. The driver can easily drive the car into the entry bay, where the car is needed to be parked.
- b. Then the driver directed by a series of automatic instructions from the screen at the entry bay such as Forward, Reverse and Stop, which helps the driver to park his car at the correct position in the entry bay. Then the driver can turn off the engine and open his car door and get down.
- c. After that the driver is directed to the entry cabin where smart card issuing / swiping machine is installed and the driver get a smart card acknowledging the parking.
- d. Automatic parking system does the rest. The car is picked up by the central Automatic unit and parks the car in the nearest vacant parking slot inside the system safely
- e. The car retrieval should also be seamless. Driver enter into smart card access room and put the smart card which received during the parking process into it.
- f. The Central Automatic unit accesses the car from the parking slot to the exit bay within less than 2 minutes.
- g. The Automatic Parking Systems central unit delivers the car facing forward in the exit cabin area so that it is safe and easy to exit the system.
- h. Then the driver simply drives out the vehicle from the system.
- 4. Integrated SaaS based Smart Parking solution with Mobile App: MLCP shall be operated using a smart solutions which include sensor based identification, intelligent optimized movement of cars to and fro from the parking slots, an information system that can read the number plates, should be RFID enabled for future requirements, a mobile app that will enable customers to identify the space and pre-book from remote locations. A prepaid system that can alert the customer because the next user is waiting in queue. All of these features should be driven by an application that is SaaS based. The dash board will give all analysis and reports and predict future trends.

Eligibility Criteria:

- 1. The Applicants' competence and capability is proposed to be evaluated by the following parameters:
 - a Financial Capability in terms of Annual Turnover and Net-Worth (the "Net-Worth") and
 - b Technical Experience of the Applicant
- On each of these parameters, the Applicant would be required to meet the evaluation criteria as detailed in this section. The evaluation shall be carried out in terms of Pass / Fail of the Applicants for both the above mentioned parameters separately. Applicant(s) meeting all the criteria will, subject to the terms of the Bidding Documents, be qualified to submit its (their) Bid(s) for the project.
- 3 The Applicant fulfilling the following conditions will be eligible to apply for the EOI

No.	Criteria	Specific Requirements	Documents Required
1.	Applicant Entity	Legal entities duly registered under the Companies Act 1956 / 2013, or, public / semi-public entities which are financially autonomous.	Certificate(s) of incorporation.
2.	Technical Requirement	The Applicant / Consortium shall have experience of similar work satisfactorily carried out and completed at least i) one project of value not less than 4 crore, ii) two projects each of value not less than 3 crore and iii) three projects each of value not less than 2 crore in the last 7 years ending previous day of last date of submission of EOI in any of the below mentioned categories. One among above works should be on EPC / DBOT (As per FORM 3). The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to last date of submission for tenders	Self-attested certificates / registrations / copy of documents to establish the general requirement conditions to be enclosed. MoU of the consortium clearly specifying the role and area of specialization of the individual partners should be submitted.

3.	Financial Capacity- Turnover and Networth	The applicant / lead partner in case of consortium shall have Average Annual turnover of at least Rs. 5 Crores during the last three FYs ending 2020. Also, applicant / lead partner shall have positive Net-Worth during the last three FYs ending 2020	Certificate(s) from statutory auditors of the Applicant; Annual Audit Reports- Balance sheets certified by Chartered Accountant.
4.	No Barring Certificate	Any entity which has been barred, by any public / semi-public agency / Central / State / Local Government, and the bar subsists as on the date of Application, would not be eligible, either individually or as member of a Consortium.	Undertaking by the authorized signatory as well as all members of consortium

- 4. Only the applicants who have submitted EOI will be allowed to respond to the RFP as lead bidders and submit their proposal for participation in the implementation of the project. The lead bidder may add new consortium partners which may not exceed 3 in total as required during the bidding stage.
- 5 In case of Consortium, Consortium agreement to be submitted with percentage share of each member, Lead member should have a minimum of 51% share in the Consortium. Consortium member should be jointly and severally responsible.

Forms:

FORM 1: TECHNICAL CAPABILITY OF THE APPLICANT

SI. No.	Information	Response (with supporting documents to be attached)
1	Name and address of the Applicant	
2	Name, Designation, Address and Contact Details of the person to whom all references can be made in connection with this EOI	
3	Legal Status	
4	Product(s) / Service(s) Offered	
5	Years in business.	
6	Number of similar projects executed (details to be provided in form 3 for each project)	
7	Project Information – Name, Client, Scope, Activity mix, Value, Start / End Dates, etc.	(repeat for each project as per information under (4))
8	Requirement to form any joint venture for providing any component / feature / service etc. under this project (Yes / No)	
9	If Yes for (8) above, define the component / feature / service etc.	
10	MoU with other agency(ies), if making a joint application	Attach

FORM 2: FINANCIAL CAPABILITY OF THE APPLICANT

(Supporting documents to be attached)

SI. No.	Audited Balance sheet for following Financial Years	Annual Turn over Details of Bidder (in INR Crore.)	Annual Net Worth Details of Bidder (in INR Crore.)
1	2017-18		
2	2018-19		
3	2019-20		

FORM 3: PROJECT CREDENTIALS

(Separate form shall be furnished for each project experience claimed)

1. Project Name:	
2. Location:	
3. Name of Client:	
4. Brief Description of Project:	
5. Status of the Project (completed / ongoing / operational)	
6. Name of associated Firm(s), if any:	
 7. Date of – a. Date of award of the Project b. Project Completion Date: c. Commercial Operations Date: 	
8. Project cost:	

FORM 4: FORMAT FOR DECLARATION BY THE APPLICANT FOR NOT BEING BLACKLISTED / DEBARRED

(To be submitted on the Letterhead of the Bidder)

Date: dd/mm/yyyy
То
Chief Executive Officer,
Puducherry Smart City Development Limited (PSCDL) No.2. Bussy Street, Old Court Building, Puducherry.
Subject: Declaration for not being debarred / black-listed by Central / any State Government department in India as on the date of submission of the bid
RFP Reference No: XX
Dear Sir,
I, authorized representative of, hereby solemnly confirm that the Company is not debarred / black-listed by any Central/State Government/ PSU entity in India or similar agencies globally for unsatisfactory past performance, corrupt, fraudulent or any other unethical business practices or for any other reason as on last date of submission of the Proposal. In the event of any deviation from the factual information/ declaration, PSCDL reserves the right to reject the Proposal or terminate the Contract without any compensation to the Company. Thanking you, Yours faithfully,
Signature of Authorized Signatory (with official seal) Date : Name : Designation : Address : Telephone & Fax : E-mail address :

FORM 5: FORMAT FOR POWER OF ATTORNEY

relevant Stamp Act. The stamp paper to be in the na of attorney]	• • •
Know by all men by these presents, Weaddress of their registered office) do authorize Mr. / Ms(name and residential presently employed with us and holding the position	(Name of the Bidder and hereby constitute, appoint and all address of Power of attorney holder) who is of
as our Attorney, to do in our name and on our behalf connection with or incidental to our Proposal for the work for Multi Level Car Parking at (a) Old Jail Mani Electronics in Maraimalai Adigal Salai Pudu Transfer (DBOT) basis under Engineering Procusigning and submission of all documents and province representing us in all matters before PSCDL, and ge in connection with our Proposal for the said Project.	e "EOI for Construction and Development Complex in JN street and (b) opposite to ucherry city on Design, Build, Operate and urement and Construction (EPC), including iding information / responses to the PSCDL
	d things done by our aforesaid Attorney shall
Accepted, (Signature) (Name, Title and Address of the Attorney) Note:	
 The mode of execution of the Power of Attorn procedure, if any, laid down by the applicable executant(s) and when it is so required the sa 	•

- accordance with the required procedure.
- The Power of Attorney shall be provided on Rs.200/- stamp paper.
- The Power of Attorney should be supported by a duly authorized resolution of the Board of Directors of the Bidder authorizing the person who is issuing this power of attorney on behalf of the Bidder.

Lead Member has to submit the Power of Attorney in favour of Authorized signatory in below given format in case of Consortium.

POWER OF ATTORNEY FOR LEAD MEMBER BY CONSORTIUM MEMBER

PSCDL has invited proposal from interested companies for "EOI for Construction and Development work for Multi Level Car Parking at (a) Old Jail Complex in JN street and (b) opposite to Mani Electronics in Maraimalai Adigal Salai Puducherry city on Design, Build, Operate and Transfer (DBOT) basis under Engineering Procurement and Construction (EPC).

Whereas,, and
Whereas, it is necessary under the RFP document for the members of the Consortium to designate one of them as the Lead Member with all necessary power and authority to do for and on behalf of the Consortium, all acts, deeds and things as may be necessary in connection with the Consortium's Bid for the Project.
Whereas, we have decided that M/sshall be Lead Member of this Consortium.
NOW THEREFORE KNO W ALL MEN BY THESE PRESENTS
We,, having our registered office at, (hereinafter referred to as the "Member") do hereby designate, nominate, constitute, appoint and authorize

AND hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us/Consortium.

IN WITNESS WHEREOF WE THE MEMBER ABOVE NAMED HA	AVE EXECUTED THIS POWER OF
ATTORNEY ON THIS DAY OF20	
For	
	(Name & Title)
Witnesses:	
1.	
2.	
(To be executed by the Member of the Consortium)	

Note:

- The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.
- Also, wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a resolution/power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder